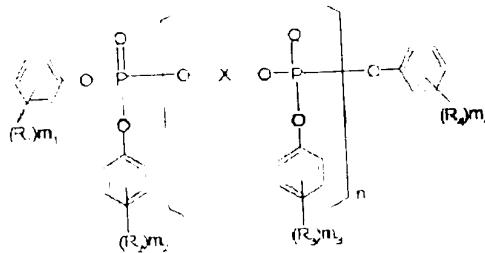


EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 2000327897
 PUBLICATION DATE : 28-11-00



I

APPLICATION DATE : 24-05-99
 APPLICATION NUMBER : 11143840

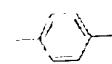
APPLICANT : NEC CORP.

INVENTOR : SERIZAWA SHIN;



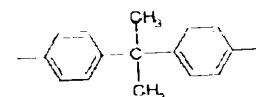
II

INT.CL. : C08L 69/00 C08K 5/42 C08K 5/43
 C08K 5/523 // (C08L 69/00 , C08L
 83.04 , C08L 27.12 , C08L 21.00
)



III

TITLE : FLAME-RETARDANT
 POLYCARBONATE RESIN
 COMPOSITION



IV

ABSTRACT : PROBLEM TO BE SOLVED: To obtain a flame-retardant polycarbonate resin composition which has a high flame retardance without detriment to its impact resistance, moldability, and flowability by compounding a polycarbonate resin with a phosphorus flame retardant, a silicone compound having a specified chemical structure, a fiber-forming fluoropolymer, and an elastomer.

SOLUTION: This composition comprises (A) 100 pts.wt. polycarbonate resin, (B) 5-15 pts.wt. phosphorus flame retardant represented by formula I (wherein X is a group represented by formula II, III or IV; R1 to R4 are each 1-3C alkyl; m1 to m4 are each 0-2; and n is 1-5), (C) 0.05-8 pts.wt. silicone compound of which the main chain is branched and the aromatic groups account for at least 20 mol% of all the organic groups, (D) 0.05-5 pts.wt. fiber-forming fluoropolymer, and (E) 0.5-10 pts.wt. elastomer. If necessary, the composition further contains up to 0.5 pt wt. at least one organic alkali metal salt selected from among alkali metal salts of aromatic sulfoimides, aromatic sulfonesulfonic acids, perfluoroalkanesulfonic acids, and aromatic sulfonylic acids.

COPYRIGHT: (C)2000.JPO